



Atlantic Richfield Company  
(a BP affiliated company)

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8 May 2009

Re: Addendum Work Plan for Soil & Water Investigation  
Former BP Service Station #11266  
1541 Park Street  
Alameda, California  
ACEH Case # RO0000318

**RECEIVED**

12:55 pm, May 11, 2009

Alameda County  
Environmental Health



"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct."

Submitted by:

Paul Supple  
Environmental Business Manager

8 May 2009

Project No. 06-88-658

Atlantic Richfield Company  
P.O. Box 1257  
San Ramon, California 94583  
Submitted via ENFOS

Attn.: Mr. Paul Supple

Re: Addendum Work Plan for Soil & Water Investigation, Former BP Station No.11266,  
1541 Park Street, Alameda, California; Case No. RO0000318

Dear Mr. Supple:

Provided herein is an addendum to the *Work Plan for Soil & Water Investigation, Former BP Station No.11266* (herein referred to as the *Work Plan*) originally submitted on 15 December 2008 by Broadbent & Associates, Inc. (BAI), on behalf of BP. The *Work Plan* recommended advancement of two soil borings in order to characterize residual hydrocarbon contamination within soils at the source area, presumed to be the former gasoline underground storage tank (UST) complex and waste oil UST pit. Proposed boring B-1 was to be located in the general vicinity of historic soil sample C-1 and monitoring well MW-1 and proposed boring B-2 was located in the general vicinity of historic soil sample W.O.-1 near the former waste oil tank excavation pit. The *Work Plan* also recommended a one-time ground-water sampling event to include each of the six monitoring wells at the Site. In response to the *Work Plan*, the Alameda County Environmental Health (ACEH) issued the 8 April 2009 letter expressing concern regarding the proposed location of soil boring B-1. Specifically, ACEH stated that “the proposed boring location B-1 appears to be over 10 feet away from the location of soil sample C-1.” In this letter, ACEH recommended the installation of an additional soil boring immediately adjacent to soil sample C-1.

In responding to the ACEH letter dated 8 April 2009, BAI must note that the drawing originally depicting the location of sample C-1 was not drawn to scale (Kaprealian Engineering, Inc., 10/12/1987). After performing Site reconnaissance and background research, BAI noted that the concrete slab over the top of the existing USTs extends almost to the northwestern ends of the two dispenser islands and approximately to the vertical edge of the overhead canopy. The pipeline runs, also under concrete, are believed to be along the northern side of each dispenser island, leaving an area of asphalt between the two dispenser islands currently thought to be absent of underground utilities. Therefore, boring B-1 is proposed to be moved to an area between the dispenser islands, almost adjacent to the southeastern edge of the concrete slab over the existing USTs, and close to the approximate location of historic tank excavation sidewall sample C-1, as

shown in the revised Drawing 1 and the attached photo-markup. In accordance with BP safety policy, this proposed boring location will have to be advanced by hand-auger due to its proximity to civil structures. Furthermore, it has been decided that proposed boring B-2 in the vicinity of the oil storage tank will also be advanced by hand-auger. However, if pea gravel is encountered during advancement of the borings, the boring locations will be immediately abandoned, as required by BP safety policy. The proposed sample collection activities shall remain as stated within the *Work Plan*.

Once ACEH has approved this *Addendum Work Plan for Soil & Water Investigation*, Stratus Environmental Inc. (Stratus) will be directed to execute the proposed scope of work. Upon completion of field work and receipt of a data packet from Stratus summarizing field activities including laboratory analytical reports, BAI will complete a soil and water investigation report for submittal to ACEH.

Should you have any questions or concerns, please do not hesitate to contact me at (530) 566-1400.

Sincerely,  
BROADBENT & ASSOCIATES, INC.

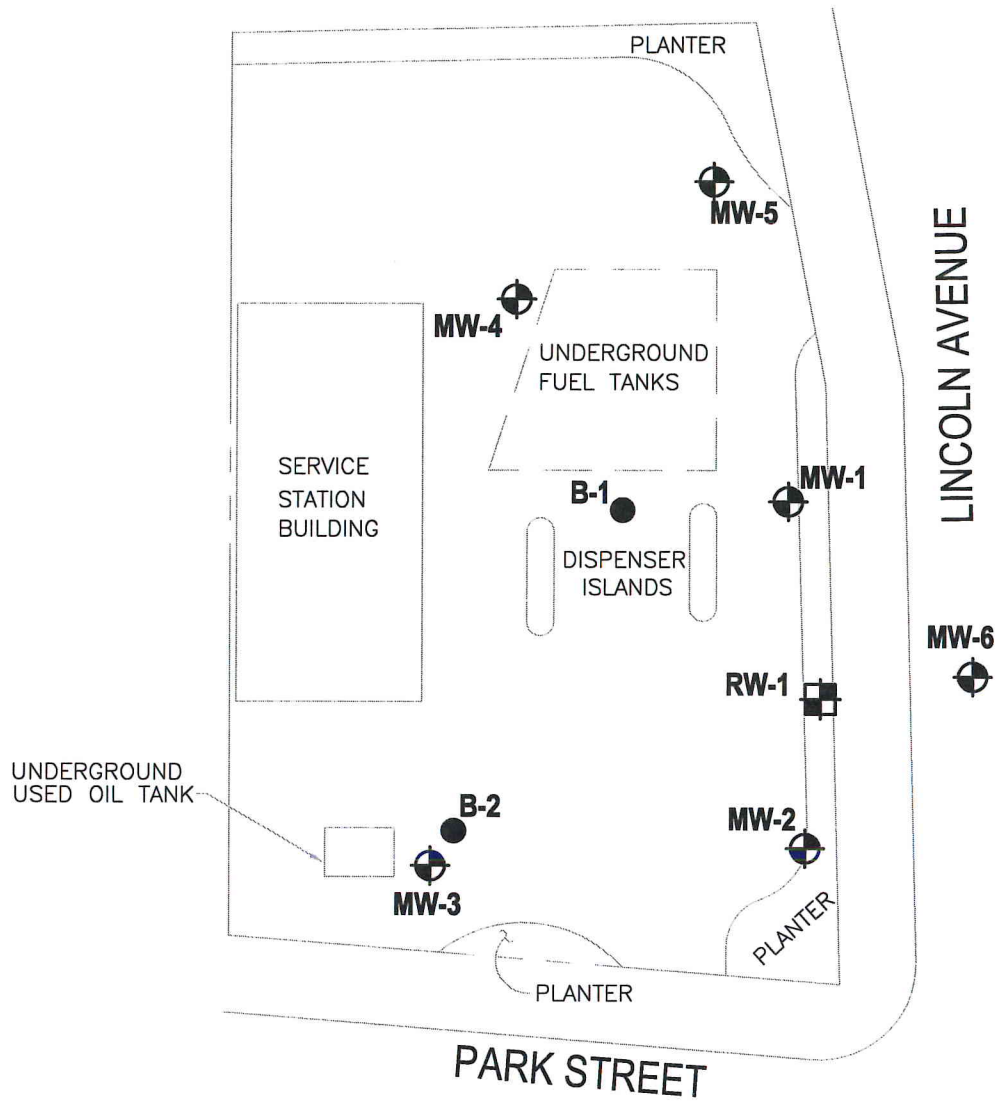


Thomas A. Venus, P.E.  
Senior Engineer



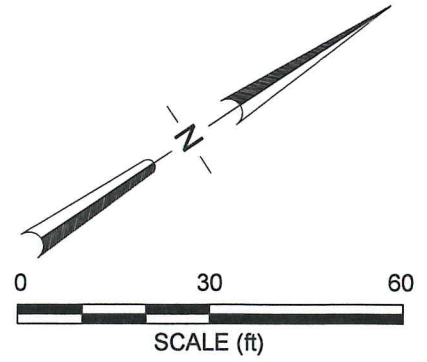
Attachments

cc: Mr. Paresh Khatri, Alameda County Environmental Health (Submitted via ACEH ftp Site)  
Electronic copy uploaded to GeoTracker



**LEGEND**

- Proposed Soil Boring Location
- ⊕ Monitoring Well Location
- ⊞ Ground-Water Recovery Well Location



NOTES: SITE MAP ADAPTED FROM OTHER CONSULTANTS.  
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



Proposed Boring B-1